

I am looking for a Technical Service Manual for a Midland 13-516 VHF Transceiver (or a copy of one). Up until now, I have been

unable to locate anyone who can help me.

Any help or information would be appreciated. Please respond to the following internet id.

Wayne Salhany  
salhany@vnet.ibm.com

--... ..- -... ..- -... ..- -... ..

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Date: 26 Jan 93 18:10:28 GMT  
From: sun-barr!cs.utexas.edu!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrc1m!  
tskelton@ames.arpa  
Subject: 4N5 Callsigns  
To: info-hams@ucsd.edu

In article <AfN0Mmi00WB0029ZAE@andrew.cmu.edu> kp2a+@andrew.cmu.edu (Keith Poole) writes:

>Macedonia. Given that Macedonia is not recognized by the USA or Europe  
>(because of objections from the Greek government), how do I address mail  
>to Stip?

Just a guess...I would recommend: Stip, Macedonia, Yugoslavia

Any international postal experts out there?

73,Tom WB4IUX

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Date: Tue, 26 Jan 1993 07:54:51 MST  
From: gumby!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!adec23!  
ve6mgs!usenet@yale.arpa  
Subject: ARRL DX Bulletin #4 - January 21, 1993  
To: info-hams@ucsd.edu

ZCZC AE30  
QST de W1AW  
DX Bulletin 4 ARLD004  
~From ARRL Headquarters  
Newington CT January 21, 1993  
To all radio amateurs

SB DX ARL ARLD004

ARLD004 DX news

Thanks go out to CNN, KARS, W5KNE, QRZ DX, VP2ML, and the DX Bulletin for the items in this week's bulletin.

HOWLAND ISLAND. This DXpedition is slated to start around January 26. Their CW will be on 1833, 3503, 7023, 10103, 14023, 18073, 21023, 24893 and 28023 kHz, QSX up. For SSB, listen on 3795, 7080, 14195, 18115, 21295, 24935 and 28475 kHz. And for RTTY, check 7085, 14085, 18105, 21085, 24925 and 28085 kHz. Four separate KW stations should help to make this a very serious effort. Sunrise/Sunset times are 1753/0551z. QSL via Mile-Hi DX Association, PO Box 1, Franktown CO 80116.

BANGLADESH. Look for Eric, S21ZG, around 7010 kHz at 1300z. Sunrise/Sunset times for this one are 0042/1136z. QSL via W4FRU.

CAMBODIA. XU5SE looks stateside for 20 meter CW contacts on Wednesdays between 1230 and 1330z. Sunrise/Sunset times are 2325/1058z.

ANGOLA. Listen for N6QHO and KC6HUE signing /D2 on 20, 15 and 10 meter SSB. Check from 28460 to 28500 kHz around 1500z. QSLs go to their home calls.

MARSHALL ISLANDS. Rich, AH6IO, should be on as V73IO very soon from Kwajalein Island and then Bikini Atoll. Listen for him on 14226, 21335, 28495 and 50110 kHz, although this is a 160 through 6 meter operation. QSL to his home callsign, direct only.

KUWAIT. On February 25 and 26, the state of Kuwait will celebrate its National and Liberation Day. The Kuwait Amateur Radio Society, KARS, sponsors an award commemorating this day for both amateurs and SWLs. For more information contact the Awards Manager, KARS, PO Box 5240 Safat, 13053 Kuwait.

The OPERATING EVENT calendar for this weekend shows the ARRL VHF Sweepstakes in queue. Recent E skip openings on six meters may make for an interesting contest. For more information see December QST, page 124.

Next weekend ushers in this year's ARRL Novice Roundup, the CQ World-Wide 160 Meter DX Contest on CW and the REF French Contest, also a CW event. See you in the pile ups.

NNNN

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Jim Reisert  
Digital Equipment Corp.  
146 Main Street - ML03-6/C9  
Maynard, MA 01754  
Internet: reisert@mast.enet.dec.com  
UUCP: ...decwrl!mast.enet.dec.com!reisert  
Voice: 508-493-5747  
FAX: 508-493-0395

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Date: Tue, 26 Jan 1993 07:55:10 MST  
From: sun-barr!cs.utexas.edu!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!  
destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!ersys!adec23!ve6mgs!  
usenet@ames.arpa  
Subject: ARRL DX Bulletin #5 - January 22, 1993  
To: info-hams@ucsd.edu

ZCZC AE31  
QST de W1AW  
DX Bulletin 5 ARLD005  
~From ARRL Headquarters  
Newington CT January 22, 1993  
To all radio amateurs

SB DX ARL ARLD005  
ARLD005 DX news

5BDXCC Start Date Changed

The DXCC desk announced today that the start date for 5-Band DXCC has been changed from January 1, 1969 to November 15, 1945. This change is effective immediately.

ARRL Management made this decision, in consultation with the Membership Services Committee, in order to simplify the program. Now that all DXCC 'band' awards have the same requirements, anyone who has a 10, 40 or 80-m DXCC will automatically be granted credit toward 5BDXCC. Likewise, a 160, 6 or 2-m DXCC is sufficient for a band endorsement to 5BDXCC.

A change in the start date of CW DXCC is not planned for the foreseeable future.

NNNN

--  
Jim Reisert  
Digital Equipment Corp.  
146 Main Street - ML03-6/C9  
Maynard, MA 01754  
Internet: reisert@mast.enet.dec.com  
UUCP: ...decwrl!mast.enet.dec.com!reisert  
Voice: 508-493-5747  
FAX: 508-493-0395  
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Date: Wed, 27 Jan 1993 02:43:37 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!uwm.edu!rpi!  
cary115.its.rpi.edu!mellob@ames.arpa  
Subject: Callsigns:Waiting  
To: info-hams@ucsd.edu

I waited 62 days for my first license to come.  
But that was over the months of november and  
december when I guess the FCC gets back-logged.  
Suggestion?: Don't go out to the mail everyday  
all giddy and expecting. Then when it does come,  
you'll be twice as happy.

-Brett Mellor  
Rensselaer Polytechnic Institute  
Troy, New York

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Date: 27 Jan 93 18:37:39 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Coaxial Dipole Construction (HELP!)  
To: info-hams@ucsd.edu

Mark, W07T asked about the dimensions for building a coaxial antenna.

I've built quite a number of them for both mobile and fixed applications. The construction is primarily a mechanical problem rather than electrical. Mechanical dimensions appeared to be non-critical except for the 1/4 wave length elements. Although the feed point impedance is 72 ohms, I've used 52 ohm coax without any noticable difference in performance.

My coaxial antenna construction followed this plan:

1. Attach a female flange style coax connector (SO-239 or equiv) on the end of the selected coax cable. Center conductor soldered to the center pin, braid soldered to the flange.
2. Slide the cable down through a small diameter metal tube (pipe) which is used for mounting the antenna to a structure.
3. Mount/solder the coax connector to the end of the tube.
4. Select a slightly larger metal tube than the mounting tube, just slightly over 1/4 wavelength long at the desired frequency.
5. Solder a cap over one end and drill a hole in the center of the cap that will be tight fitting over the coax connector.
6. Slide the outer tube over the smaller such that the coax connector protrudes through the hole in the outer tube's cap. Make an electrical

connection between the outer tube cap and the coax connector with solder or screws.

7. The outer tube becomes a coaxial skirt. The bottom open end of the skirt will require plastic or fiber supports between the two tubes. I've used three small plastic blocks as spacers with each held with a sheet metal screw that just protrudes into the plastic.

8. Cut a 1/4 wavelength metal rod (1/4 wave above the top of the skirt) as a top section and insert it into the center of the coax connector. Bracing the rod mechanically has always been a problem for me when the antenna was used for low bands. VHF and UHF allows the rod to be mounted into a male coax connector where the assembly was held together with epoxy.

For a six meter application, instead of using a coax connector at the top of the support tube, I fitted a fiber board plug into the top of the outer tube (skirt). Drilled a hole in the center of the fiber plug to fit snugly over a vertical center rod which had been threaded. Two jam nuts (one on either side of the plug) were used to secure the center rod in place. The coax was attached between the center rod and the top of the skirt. For support, a short fiber tube was fitted onto the end of a support tube. With the coax threaded down through it, the support tube was slipped up into the skirt. Two fiber ring segments were forced up into the open end of the skirt and screwed into place to provide a very stiff mechanical support. Upon completion, RTV was used to seal the top of the skirt and bottom of the center rod to prevent water penetration from getting to the open end of the coax. This particular antenna has been in operation for several years without any observable problems.

Hope this helps,

73

Hugh Wells, W6WTU

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Date: Wed, 27 Jan 1993 00:51:28 GMT  
From: concert!samba!usenet@decwrl.dec.com  
Subject: Larsen "kulduckie" w/ HT - is it worth it?  
To: info-hams@ucsd.edu

I bought the Diamond RH-77B (\$30 from AES) and use it with my DJ-580T. It's a fabulous antenna, and makes all the difference in the world. It's 18" long, so it's not quite as convenient as the supplied duck, but the signal improvements are well worth it. Saves batteries since I can usually use low power.

-ks  
KD6RCT

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The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.  
internet: laUNCHpad.unc.edu or 152.2.22.80

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Date: Wed, 27 Jan 1993 04:31:18 GMT  
From: ucselx!sol.ctr.columbia.edu!emory!gatech!usenet.ins.cwru.edu!agate!boulder!ucsu!rintintin.Colorado.EDU!weaverb@network.UCSD.EDU  
Subject: Larsen "kulduckie" w/ HT - is it worth it?  
To: info-hams@ucsd.edu

Kirk.Smith@launchpad.unc.edu (Kirk Smith) writes:

>I bought the Diamond RH-77B (\$30 from AES) and use it with my DJ-580T.  
>It's a fabulous antenna, and makes all the difference in the world.  
>It's 18" long, so it's not quite as convenient as the supplied duck,  
>but the signal improvements are well worth it. Saves batteries since  
>I can usually use low power.

I borrowed one of those Diamonds and I thought it sucked. Couldn't tell any difference over my stock duck on my w2a for anything. Of course maybe the stock DJ-580T duck is a piece of junk. Anyway, I lost my stock icom duck a while back and bought the larsen kul-duck. I didn't want an 18" antenna sticking me in the armpit when the ht was on my belt. I wouldn't recommend the diamond rh77b to anyone, it's just doesn't have the performance over other ducks to make it worth the price or the hassle of having an 18" antenna sticking off the top of your radio.

Brian KD6CFA

--  
Brian Weaver                                      University of Colorado at Boulder  
weaverb@boulder.Colorado.EDU                      (internet)  
KD6CFA@N0ARY.#NOCAL.CA.USA.NA                      (packet radio)

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Date: Wed, 27 Jan 1993 03:29:57 GMT  
From: saimiri.primite.wisc.edu!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.uakron.edu!neoucom.edu!wtm@ames.arpa  
Subject: LICENSE DELAYS  
To: info-hams@ucsd.edu

Here is an interesting observation: Some members of the local radio club finished a license course in mid-November 1992. Two men

from the course took their no code tech exams just before Thanksgiving; they are still waiting for their tickets. A woman from the same class took a novice exam on December 12th and just got her KB8... call last Friday (about five weeks).

It appears that the one remaining person processing applications on Tuesdays in Gettysburg must process X number of applications from each application category.

My application was for an HF tech in the middle of September; it took the VEC+FCC about 12-1/2 weeks to process.

Oh well, it is just some time to go shopping for your rig. Can't complain too much seeing as it sure didn't cost much to get my license. :-)

73,  
Bill

--

Bill Mayhew        NEOUCOM Computer Services Department  
Rootstown, OH 44272-9995 USA    phone: 216-325-2511  
wtm@uhura.neoucom.edu (140.220.1.1)    146.580: N8WED

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Date: Tue, 26 Jan 1993 17:56:28 GMT  
From: sdd.hp.com!hpscit.sc.hp.com!hplextra!hpcc05!hpscit!davea@network.UCSD.EDU  
Subject: Mexican License info?  
To: info-hams@ucsd.edu

Has anyone heard that people with the no code license can, and often do, go into Mexicali, Mexico and get a Mexican license. This would allow you to transmit legally in Mexico and, not have to meet the general code requirements of the US. I would appreciate any info on this "touchy" issue.

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Date: Tue, 26 Jan 1993 20:21:37 EST  
From: pacbell.com!sgiblab!swrinde!gatech!psuvax1!psuvm!axh113@network.UCSD.EDU  
Subject: My call sign :(  
To: info-hams@ucsd.edu

Hi all,



I passed my element 2 and 3A on Dec 3, 1993. The problem is that I still don't have a call sign. I am really disappointed because every day I have to wait for the mailman to check for my mail from the FCC.

It's said that my call sign is ready within 4-6 weeks. Hmmm, I don't know what to say. Can anyone out there suggest me something? or can anyone help me?

-Azmi Hashim <axh113@psuvm.psu.edu>

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Date: 26 Jan 93 18:02:43 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Please unsubscribe me  
To: info-hams@ucsd.edu

To whom it may concern,

I have not been able to unsubscribe myself from the Info-Hams mailing list. I have tried to send mail to brian@ucsd.edu to try and correct this but my mail is returned "undeliverable". Any assistance anyone can provide would be extremely helpful. From the time I subscribed to now, it appears that my address has changed. When I try to unsubscribe, I receive a message:

" '@ada3.ca.boeing.com:musrjb00@ccmail.boeing.com' was NOT FOUND"

but my address appears to be:

"musrjb00@ccmail.ca.boeing.com"

Thanks for any help!

Rick Muszynski musrjb00@ccmail.ca.boeing.com

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Date: Mon, 25 Jan 93 20:48:36 PST  
From: elroy.jpl.nasa.gov!swrinde!gatech!destroyer!cs.ubc.ca!mala.bc.ca!oneb!ham!emd@ames.arpa  
Subject: Question on ft-207R ht  
To: info-hams@ucsd.edu

ws1c@rocky.ndhm.gtegsc.com (Andrea Preciado) writes:

> I know someone who is thinking of buying an ft-207r ht and was told  
> by someone that there is a drop in power supply that was sold for that  
> radio and could be used without the battery pack in place. Does  
> anyone know of that item and if so any ideas on where to find it? What  
> is the model number??

Sure. It's an NC-3 charger, that also operates as a power supply. I got mine from Yaesu with the radio. They were also used on the commercial handhelds Yaesu built at the time (78-79 or so). You'll probably need to haunt the swap meets now...

Robert Smits VE7EMD Ladysmith B.C. e-mail: emd@ham.almanac.bc.ca

The first thing we do, let's kill all the lawyers. King Henry VI, Part 2

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Date: Tue, 26 Jan 93 19:14:12 GMT  
From: sdd.hp.com!swrinde!emory!gatech!udel!wupost!calvin.sbc.com!  
rvt@network.UCSD.EDU  
Subject: Software for ICOM-7100  
To: info-hams@ucsd.edu

In article <1993Jan20.170518.5476@crl.dec.com> payne@crl.dec.com (Andrew Payne) writes:

>In article <C0uv6H.JLE@ccu.umanitoba.ca> M. Keefe writes:

>(deleted text)

>The documentation doesn't mention any way to read the squelch state or signal  
>level over the serial port, which is disappointing. The documentation is  
A while ago, I talked with a vendor of software for the 7000/7100, Deltacomm, and found that the squelch and signal level software interface requires modifications to the receiver. The squelch info is available from the signal indication light on the panel, but the signal level requires, in their design, use of an A/D. I think they use the meter voltage, but I don't remember for sure.

Deltacomm's literature for the 7100, however, mentions a software squelch detection option (default) that is sent over the CI-V channel. The hardware squelch option is said to be twice as fast.

The Deltacomm software for the 7100 is \$357, so I didn't purchase it. I believe other shareware alternatives exist, but don't have any information.

--

Roger V. Thompson, P.E.  
Southwestern Bell Technology Resources, Inc.  
550 Maryville Centre Dr.  
St. Louis, MO 63141

|ARS AD5T  
|314-529-7847 (Office)  
|314-529-7674 (Fax)  
|rvt@calvin.sbc.com

-----  
Date: Wed, 27 Jan 1993 01:21:58 CST  
From: sdd.hp.com!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!bogus.sura.net!  
udel!gatech!emory!sol.ctr.columbia.edu!hamblin.math.byu.edu!yvax.byu.edu!cunyv!  
ndsuvml!ud173191@network.UCSD.EDU  
Subject: TH78A & IC-2GAT Mods  
To: info-hams@ucsd.edu

Could somebody please email me the mod files for the TH-78a and  
IC-2GAT radios? Thanx!  
73 de N00DQ Greg Moore

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Date: 27 Jan 93 18:39:32 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Through-the-glass antennas  
To: info-hams@ucsd.edu

jab0684@usl.edu (Boudreaux Jean A) writes:

>Gary mentions concerns about cleaning and glue application. I can assure  
>you the glass was thoroughly cleaned with ammonia based cleaner. The  
>method of applying the antenna, was real simple, no extra glue, just remove  
>the protective plastic film and apply. So I repeat my warning, avoid this ant

I can assure you that, when properly applied, it is next to impossible  
to remove it. I went through a "touchless" car wash with my antenna  
in place, in the mistaken belief that nothing would "touch" it.  
At the end of the line there is a giant vacuum-cleaner-looking thing  
that blows the water off the car. It does NOT touch the car, but it  
CLEARS THE ROOF BY ABOUT 5"!!! Well, the stainless steel whip bent about  
20 degrees before the whole external part popped off the glass. I had to  
straighten out the rod in a vice! If you think it is be easy to put  
a permanent bend in one of those whips, just try it! The glue is  
truly amazing!

Bill, VE3BUU      Internet: ve3buu@vnet.ibm.com

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Date: Wed, 27 Jan 1993 05:21:20 GMT

From: netcomsv!bongo!julian@decwrl.dec.com  
Subject: Unreal NoCodes  
To: info-hams@ucsd.edu

In article <1993Jan26.213611.1709@miki.pictel.com> wpns@miki.pictel.com (Willie Smith) writes:

>In article <kd1hz.1@anomaly.sbs.com>

> kd1hz@anomaly.sbs.com (Michael P. Deignan) writes:

>> REAL NOCODES

>> By Michael P. Deignan

>> kd1hz@anomaly.sbs.com

>

>Don't be too hard on Mikey folks, he used to be a lowly tech (N1LMB)

>himself (just upgraded in April), and besides no-one wished him a

>Happy Birthday some 3 weeks ago. He's closing in on 30, and he's

>getting his Old Fart routine in shape. 8\*]

You mean I have had an honest to goodness no-code licence (two actually) longer than this myopic redneck has been an amateur of any kind?

I got my first no-code licence when this oaf was only nine. I would be happy to take any test of radio theory that he would also take.

--

Julian Macassey at bongo. julian@bongo.tele.com Voice: (213) 653-4495  
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

-----  
Date: 26 Jan 93 21:36:11 GMT

From: agate!spool.mu.edu!hri.com!noc.near.net!gateway!miki!wpns@ames.arpa

Subject: Unreal NoCodes

To: info-hams@ucsd.edu

In article <kd1hz.1@anomaly.sbs.com>

kd1hz@anomaly.sbs.com (Michael P. Deignan) writes:

> REAL NOCODES

> By Michael P. Deignan

> kd1hz@anomaly.sbs.com

Don't be too hard on Mikey folks, he used to be a lowly tech (N1LMB) himself (just upgraded in April), and besides no-one wished him a Happy Birthday some 3 weeks ago. He's closing in on 30, and he's getting his Old Fart routine in shape. 8\*]

[what real no-codes do, 1 thru 8]

>And yes... Every one of these actually happened.

>Have any others? Email them to me!

Lessee:

- 9) No-codes use ATV, packet, and DTMF to control homebrew robots
- 10) No-codes experiment with DSP, packet, and satellites
- 11) No-codes build battery backed-up power supplies and configure antennas for portable and emergency power applications
- 12) No-codes help out with public service communications.
- 13) No-codes do administrative and crowd-control stuff at VE sessions
- 14) No-codes get inner-city kids interested in science and technology
- 15) No-code TCP/IP experts build \_real\_ networks
- 16) No-codes practice communications skills on all the repeaters around
- 17) No-codes join AMSAT and help fund satellites

Of course, replace 'no-code' with 'ham' in 1-17 above... :-|

I can't believe anyone pays any attention to posts like Mikey's. Oh well, everyone have a real nice day anyway. Best 73s and Ten Dash Four! :) Does anyone else remember the Dr. Who episode where he goes to the planet where he meets Leela, where her clan is always saying "Curs-ed be the evil Tesh! "? [Turns out she's mispronouncing "Tech"]

Willie Smith  
wpns@pictel.com

--

Willie Smith wpns@pictel.com N1JBJ@amsat.org "I'll make Beelyuns and Beelyuns from the book contract and the TV show with government funding for looking for the nothing in the void where The Bang caused the hole in the middle of it all" Frank Hayes - Cosmos.

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Date: Wed, 27 Jan 1993 00:37:37 GMT  
From: saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!swrinde!gatech!concert!  
samba!usenet@ames.arpa  
To: info-hams@ucsd.edu

References <kd1hz.1@anomaly.sbs.com>, <1993Jan25.195100.4623@nnnnpd.lkg.dec.com>,  
<C1Fn0M.4tF@anomaly.sbs.com>ech  
Subject : Re: Real NoCodes

So, let me get this straight. Anyone who has ever operated a CB radio

and as since gotten a no-code license is a worthless horrible ham, right?  
This is pretty incredible logic.

-ks  
KD6RCT

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The opinions expressed are not necessarily those of the University of  
North Carolina at Chapel Hill, the Campus Office for Information  
Technology, or the Experimental Bulletin Board Service.  
internet: laUNCHpad.unc.edu or 152.2.22.80

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End of Info-Hams Digest V93 #120  
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